Table J1b. - Physical Properties of the Soils

Greenbrier County, West Virginia

Entries under "Erosion Factors—T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
AIB:														
Allegheny	0-4			15-27	1.20-1.40	0.6-2	0.12-0.22	0.0-2.9	1.0-4.0	.32	.32	4		
	4-48 48-64			18-35 10-35	1.20-1.50 1.20-1.40	0.6-2 0.6-2	0.13-0.18 0.08-0.17	0.0-2.9 0.0-2.9		.28 .28	.28 .28			
	40-04			10-55	1.20-1.40	0.0-2	0.00-0.17	0.0-2.9		.20	.20			
Other Soils														
AIC:														
Allegheny	0-4			15-27	1.20-1.40	0.6-2	0.12-0.22	0.0-2.9	1.0-4.0	.32	.32	4		56
	4-48			18-35	1.20-1.50	0.6-2	0.13-0.18	0.0-2.9		.28	.28			
	48-64			10-35	1.20-1.40	0.6-2	0.08-0.17	0.0-2.9		.28	.28			
Other Soils														
An:														
Atkins	0-4			18-30	1.20-1.40	0.6-2	0.14-0.22	0.0-2.9	2.0-4.0	.32	.32	4		
	4-28			18-35	1.20-1.50	0.06-2	0.14-0.18	0.0-2.9		.32	.32			
	28-64			10-35	1.20-1.50	0.2-6	0.08-0.18	0.0-2.9		.28	.32			
Philo	0-8			10-18	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	2.0-4.0	.37	.37	5		
	8-37			10-18	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.5-1.0	.32	.32	-		
	37-64			10-18	1.20-1.50	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.24	.28			
Potomac	0-6			5-12	1.20-1.40	6-20	0.04-0.08	0.0-2.9	0.0-2.0	.17	.24	3	3	86
	6-59			4-10	1.30-1.60	6-20	0.03-0.06	0.0-2.9	0.5-1.0	.17		-	-	
Other Soils														

BaE:

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic Matter		rosion actors		Wind	Wind
and Soil Name	İn	Pct	Pct	pcť	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
BaE:														
Belmont	0-6 6-23 23-35 35-50 50-51	 	 	18-27 23-35 27-40 20-40	1.20-1.40 1.30-1.50 1.30-1.50 1.30-1.50	0.6-6 0.6-2 0.6-2 0.6-2 0.0000-0.2	0.16-0.20 0.14-0.18 0.14-0.18 0.12-0.16	0.0-2.9 3.0-5.9 3.0-5.9 3.0-5.9	2.0-4.0	.32 .32 .32 .28	.32 .32 .32 .37	3		
Other Soils														
BcC:														
Berks	0-3 3-23 23-30 30-31	 	 	5-23 5-32 5-20 	1.20-1.50 1.20-1.60 1.20-1.60 	0.6-6 0.6-6 2-6 0.2-20	0.08-0.12 0.04-0.10 0.04-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0 0.0-0.5 0.0-0.5 	.17 .17 .17	.32 .24 .24 	3		
Other Soils														
BcE: Berks	0-3 3-23 23-30 30-31	 	 	5-23 5-32 5-20	1.20-1.50 1.20-1.60 1.20-1.60	0.6-6 0.6-6 2-6 0.2-20	0.08-0.12 0.04-0.10 0.04-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0 0.0-0.5 0.0-0.5	.17 .17 .17	.32 .24 .24 	3		
Other Soils														
BcF: Berks	0-3 3-23 23-30 30-31	 		5-23 5-32 5-20 	1.20-1.50 1.20-1.60 1.20-1.60	0.6-6 0.6-6 2-6 0.2-20	0.08-0.12 0.04-0.10 0.04-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0 0.0-0.5 0.0-0.5	.17 .17 .17	.32 .24 .24	3		
Other Soils														

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
BkG:														
Berks	0-3			5-23	1.20-1.50	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.17	.32	3		
	3-23			5-32	1.20-1.60	0.6-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	23-30			5-20	1.20-1.60	2-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	30-31					0.2-20								
Weikert	0-7			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-3.0	.20	.32	2		
	7-16			15-27	1.20-1.40	2-6	0.04-0.08	0.0-2.9	0.0-0.5	.28	.37	_		
	16-17					0.6-20								
Calvin	0-3			10-25	1.20-1.40	2-6	0.10-0.18	0.0-2.9	2.0-6.0	.15	.24	3		
G G G G G G G G G G	3-28			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9	0.0-0.5	.20	.24	·		
	28-39			15-30	1.40-1.60	2-6	0.06-0.10	0.0-2.9	0.0-0.5	.20	.28			
						0.2-6								
Other Soils														
BIC:														
Berks	0-3			5-23	1.20-1.50	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.17	.32	3		
	3-23			5-32	1.20-1.60	0.6-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	23-30			5-20	1.20-1.60	2-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	30-31					0.2-20								
Dekalb	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-5.0	.17	.24	2		
	4-23			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	0.0-0.5	.17	.24			
	23-33			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	0.0-0.5	.17	.24			
	33-35					2-6								
Other Soils														

BIE:

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		Frosion actors		Wind	Wind
and Soil Name	În	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
BIE:														
Berks	0-3			5-23	1.20-1.50	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.17	.32	3		
	3-23 23-30			5-32 5-20	1.20-1.60 1.20-1.60	0.6-6 2-6	0.04-0.10	0.0-2.9	0.0-0.5 0.0-0.5	.17 .17	.24 .24			
	23-30 30-31			5-20	1.20-1.60	2-6 0.2-20	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	30-31					0.2-20								
Dekalb	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-5.0	.17	.24	2		
2011.0	4-23			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	0.0-0.5	.17	.24	_		
	23-33			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	0.0-0.5	.17	.24			
						2-6								
Other Soils														
BIF:														
Berks	0-3			5-23	1.20-1.50	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.17	.32	3		
266	3-23			5-32	1.20-1.60	0.6-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	23-30			5-20	1.20-1.60	2-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	30-31					0.2-20								
Delielle	0.4			40.00	4 00 4 50	0.00	0.00.0.40	0.0.0.0	0050	47	0.4	0		
Dekalb	0-4 4-23			10-20 7-18	1.20-1.50 1.20-1.50	6-20 6-20	0.08-0.12 0.06-0.12	0.0-2.9 0.0-2.9	2.0-5.0 0.0-0.5	.17 .17	.24 .24	2		
	23-33			7-16 5-15	1.20-1.50	6-20	0.05-0.12	0.0-2.9	0.0-0.5	.17	.24			
	33-35			J-13	1.20-1.50	2-6		0.0-2.5						
	00 00					2 0								
Other Soils														
BrE:														
Berks	0-3			5-23	1.20-1.50	0.6-6	0.08-0.12	0.0-2.9	0.5-3.0	.17	.32	3		48
Bonto	3-23			5-32	1.20-1.60	0.6-6	0.04-0.10	0.0-2.9		.17	.24	Ū		
	23-30			5-20	1.20-1.60	2-6	0.04-0.10	0.0-2.9		.17	.24			
	30-31					0.2-0.6								

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability	Available Water	Linear Extensibility	Organic Matter		Frosion actors		Wind Erodibility	Wind
and Soil Name	In	Pct	Pct	pct	g/cc	(Ksat) In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Erodibility Index
BrE: Weikert	0-7			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-3.0	.28	.32	2		48
vveikert	0-7 7-16			15-27 15-27	1.20-1.40	2-6 2-6	0.08-0.14	0.0-2.9	1.0-3.0	.26 .28	.32 .37	2		40
	16-17					0.2-0.6								
Other Soils														
BrF:														
Berks	0-3			5-23	1.20-1.50 1.20-1.60	0.6-6	0.08-0.12 0.04-0.10	0.0-2.9	0.5-3.0	.17 .17	.32 .24	3		48
	3-23 23-30			5-32 5-20	1.20-1.60 1.20-1.60	0.6-6 2-6	0.04-0.10	0.0-2.9 0.0-2.9		.17 .17	.24 .24			
	30-31					0.2-0.6								
Weikert	0-7			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-3.0	.28	.32	2		48
	7-16			15-27	1.20-1.40	2-6	0.04-0.08	0.0-2.9		.28	.37			
	16-17					0.2-0.6								
Other Soils														
BtC:														
Blackthorn	0-6			2-10	1.20-1.40	0.6-6	0.10-0.15	0.0-2.9	2.0-5.0	.20	.24	4		
	6-43 43-64			7-18 27-60	1.20-1.50 1.30-1.60	0.6-6 0.2-2	0.08-0.12 0.14-0.18	0.0-2.9 3.0-5.9		.20 .28	.28 .28			
	40 04			27 00	1.00 1.00	0.L L	0.14 0.10	0.0 0.0		.20	.20			
Other Soils														
BtE:														
Blackthorn	0-6			2-10	1.20-1.40	0.6-6	0.10-0.15	0.0-2.9	2.0-5.0	.20	.24	4		
	6-43 43-64			7-18 27-60	1.20-1.50 1.30-1.60	0.6-6 0.2-2	0.08-0.12 0.14-0.18	0.0-2.9 3.0-5.9		.20 .28	.28 .28			
	43-04			21-00	1.30-1.00	0.2-2	U. 14-U. 10	ა.ს-ა.ყ		.20	.20			
Other Soils														

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion		Wind	Wind
and Soil Name	În	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
BxF: Briery	0-2 2-64			18-27 18-32	1.35-1.65 1.35-1.65	0.6-6 0.6-6	0.07-0.16 0.07-0.16	0.0-2.9 0.0-2.9	0.0-0.5	.32 .32	.43 .43	5	8	0
Other Soils														
Rock Outcrop						0.0000-0.06								0
CbC: Calvin	0-4 4-28 28-39 39-41	 	 	10-25 15-30 15-30	1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6 0.2-6	0.10-0.18 0.08-0.16 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-6.0 0.0-0.5 0.0-0.5	.15 .20 .20	.24 .24 .28	3		
Dekalb	0-4 4-23 23-33 33-35	 	 	10-20 7-18 5-15 	1.20-1.50 1.20-1.50 1.20-1.50	6-20 6-20 6-20 2-6	0.08-0.12 0.06-0.12 0.05-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-5.0 0.0-0.5 0.0-0.5	.17 .17 .17	.24 .24 .24	2		
Berks	0-3 3-23 23-30 30-31	 	 	5-23 5-32 5-20	1.20-1.50 1.20-1.60 1.20-1.60	0.6-6 0.6-6 2-6 0.2-20	0.08-0.12 0.04-0.10 0.04-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0 0.0-0.5 0.0-0.5	.17 .17 .17	.32 .24 .24 	3		
Other Soils														
CbE: Calvin	0-4 4-28 28-39 39-41	 	 	10-25 15-30 15-30	1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6 0.2-6	0.10-0.18 0.08-0.16 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-6.0 0.0-0.5 0.0-0.5	.15 .20 .20	.24 .24 .28	3		

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion		Wind	Wind
and Soil Name	În	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
CbE:														
Dekalb	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-5.0	.17	.24	2		
	4-23 23-33			7-18 5-15	1.20-1.50	6-20 6-20	0.06-0.12	0.0-2.9 0.0-2.9	0.0-0.5	.17 .17	.24			
	23-33 33-35			5-15	1.20-1.50 	6-20 2-6	0.05-0.10	0.0-2.9	0.0-0.5	.17	.24			
	33-33					2-0								
Berks	0-3			5-23	1.20-1.50	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.17	.32	3		
Bone	3-23			5-32	1.20-1.60	0.6-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24	Ū		
	23-30			5-20	1.20-1.60	2-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	30-31					0.2-20								
Other Soils														
CbF:														
Calvin	0-4			10-25	1.20-1.40	2-6	0.10-0.18	0.0-2.9	2.0-6.0	.15	.24	3		
	4-28			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9	0.0-0.5	.20	.24			
	28-39 39-41			15-30	1.40-1.60	2-6 0.2-6	0.06-0.10	0.0-2.9	0.0-0.5	.20	.28			
	39-41					0.2-6								
Dekalb	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-5.0	.17	.24	2		
	4-23			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	0.0-0.5	.17	.24			
	23-33			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	0.0-0.5	.17	.24			
	33-35					2-6								
Berks	0-3			5-23	1.20-1.50	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.17	.32	3		
Bonto	3-23			5-32	1.20-1.60	0.6-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24	Ü		
	23-30			5-20	1.20-1.60	2-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
						0.2-20								
Other Soils														

CeF:

Greenbrier County, West Virginia

Map Symbol and Soil Name	Depth In	Sand Pct	Silt Pct	Clay pct	Moist Bulk Density g/cc	Permeability (Ksat) In/Hr	Available Water Capacity In/In	Linear Extensibility Pct	Organic Matter Pct		rosion actors Kf	Т	Wind Erodibility Group	Wind Erodibility Index
CeF:														
Caneyville	0-3			30-40	1.25-1.50	0.2-0.6	0.17-0.20	3.0-5.9 3.0-5.9	0.0-2.0	.37	.37	2		86
	3-10 10-24			36-60 40-60	1.35-1.60 1.35-1.60	0.2-0.6 0.2-0.6	0.12-0.18 0.12-0.18	3.0-5.9 3.0-5.9		.28 .28	.28 .28			
	24-25					0.0000-0.2								
Frederick	0-8			13-27	1.25-1.50	2-6	0.12-0.20	0.0-2.9	1.0-2.0	.28		4		
	8-29			35-75	1.20-1.50	0.6-2	0.10-0.18	3.0-5.9		.24				
	29-79			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24				
Rock Outcrop						0.0000-0.2								
Other Soils														
CfB:														
Cateache	0-5			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
	5-29 29-35			18-35 15-35	1.30-1.60 1.30-1.60	0.6-2 0.6-2	0.12-0.16 0.08-0.12	3.0-5.9 0.0-2.9		.28 .28	.32 .37			
	29-35 35-37				1.30-1.00	0.0000-0.2		0.0-2.9		.20	.57			
Other Soils														
CfC:														
Cateache	0-5 5-29			15-27 18-35	1.20-1.40 1.30-1.60	0.6-2 0.6-2	0.14-0.18 0.12-0.16	0.0-2.9 3.0-5.9	1.0-4.0	.28 .28	.32 .32	3		
	29-35			15-35	1.30-1.60	0.6-2	0.12-0.10	0.0-2.9		.28	.37			
	35-37					0.0000-0.2								
Other Soils														

CfD:

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Erosion Factors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
CfD:														
Cateache	0-5			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
	5-29			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	29-35			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	35-37					0.0000-0.2								
Other Soils														
CfE:														
Cateache	0-5			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
	5-29			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	29-35			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	35-37					0.0000-0.2								
Other Soils														
CfF:														
Cateache	0-5			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
	5-29			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	29-35			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	35-37					0.0000-0.2								
Other Soils														
CgC:														
Cateache	0-5			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
	5-29			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	29-35			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	35-37					0.0000-0.2								
Other Soils														

CgE:

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Erosion Factors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
CgE: Cateache	0-5			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
04.040.10	5-29			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	29-35 35-37			15-35 	1.30-1.60 	0.6-2 0.0000-0.2	0.08-0.12	0.0-2.9 		.28	.37 			
Other Soils														
CgF:														
Cateache	0-5			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
	5-29 29-35			18-35 15-35	1.30-1.60 1.30-1.60	0.6-2 0.6-2	0.12-0.16 0.08-0.12	3.0-5.9 0.0-2.9		.28 .28	.32 .37			
	35-37					0.0000-0.2								
Other Soils														
Ch:														
Chavies	0-10 10-54			7-18 7-18	1.20-1.40 1.20-1.40	2-6 2-6	0.11-0.18 0.11-0.20	0.0-2.9 0.0-2.9	0.5-4.0	.24 .24	.24 .24	4	3	86
	54-64			7-16 7-18	1.30-1.50	2-6 2-6	0.11-0.20	0.0-2.9		.24	.24			
Other Soils														
CpB:														
Cookport	0-9			10-27	1.20-1.40	0.6-2	0.12-0.16	0.0-2.9	1.0-4.0	.32	.32	3		
	9-22 22-41			18-35 18-35	1.20-1.50 1.40-1.70	0.6-2 0.06-0.2	0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9		.24 .24	.28 .28			
	41-48			18-35	1.40-1.70	0.06-0.2	0.08-0.12	0.0-2.9		.24	.28			
	48-50					0.2-0.6								
Other Soils														

CuB:

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Fosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
CuB: Culleoka	0-9			15-27	1.20-1.40	0.6-6	0.14-0.20	0.0-2.9	1.0-4.0	20	20	3		56
Culleoka	9-29			18-2 <i>1</i> 18-35	1.20-1.40	0.6-6	0.14-0.20	0.0-2.9	1.0-4.0	.32 .28	.32 .32	3		50
	29-35			18-45	1.20-1.50	0.6-6	0.05-0.14	0.0-2.9		.17	.28			
	35-36					0.06-2								
Other Soils														
CuC:														
Culleoka	0-9			15-27	1.20-1.40	0.6-6	0.14-0.20	0.0-2.9	1.0-4.0	.32	.32	3		56
	9-29 29-35			18-35 18-45	1.20-1.50 1.20-1.50	0.6-6 0.6-6	0.12-0.20 0.05-0.14	0.0-2.9 0.0-2.9		.28 .17	.32 .28			
	29-35 35-36			10-43	1.20-1.50	0.06-2	0.05-0.14	0.0-2.9		. 17	.20			
Other Soils														
CuD:														
Culleoka	0-9			15-27	1.20-1.40	0.6-6	0.14-0.20	0.0-2.9	1.0-4.0	.32	.32	3		56
	9-29			18-35	1.20-1.50	0.6-6	0.12-0.20	0.0-2.9		.28	.32			
	29-35 35-36			18-45 	1.20-1.50 	0.6-6 0.06-2	0.05-0.14	0.0-2.9		.17 	.28			
	33-30					0.00-2								
Other Soils														
CyE:														
Culleoka	0-9			15-27	1.20-1.40	0.6-6	0.14-0.20	0.0-2.9	1.0-4.0	.32	.32	3		56
	9-29			18-35	1.20-1.50	0.6-6	0.12-0.20	0.0-2.9		.28	.32			
	29-35 35-36			18-45	1.20-1.50 	0.6-6 0.06-2	0.05-0.14	0.0-2.9		.17 	.28			
	33-30					0.00-2								
Other Soils														

CyF:

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Frosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
CyF: Culleoka	0-9 9-29 29-35 35-36	 	 	15-27 18-35 18-45 	1.20-1.40 1.20-1.50 1.20-1.50	0.6-6 0.6-6 0.6-6 0.06-2	0.14-0.20 0.12-0.20 0.05-0.14	0.0-2.9 0.0-2.9 0.0-2.9 	1.0-4.0	.32 .28 .17	.32 .32 .28	3		56
Other Soils														
DeC: Dekalb	0-4 4-23 23-33 33-35	 	 	10-20 7-18 5-15 	1.20-1.50 1.20-1.50 1.20-1.50	6-20 6-20 6-20 0.2-0.6	0.08-0.12 0.06-0.12 0.05-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0	.17 .17 .17	.24 .24 .24 	2		
Other Soils														
DeE: Dekalb	0-4 4-23 23-33 33-35	 	 	10-20 7-18 5-15 	1.20-1.50 1.20-1.50 1.20-1.50	6-20 6-20 6-20 0.2-0.6	0.08-0.12 0.06-0.12 0.05-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0	.17 .17 .17	.24 .24 .24 	2		
Other Soils														
DeF: Dekalb	0-4 4-23 23-33 33-35	 	 	10-20 7-18 5-15 	1.20-1.50 1.20-1.50 1.20-1.50 	6-20 6-20 6-20 0.2-0.6	0.08-0.12 0.06-0.12 0.05-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0	.17 .17 .17	.24 .24 .24 	2		
Other Soils														

DhC:

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		Erosion actors		Wind	Wind
and Soil Name	In	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
DhC:														
Dekalb	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-5.0	.17	.24	2		
	4-23			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	0.0-0.5	.17	.24			
	23-33			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	0.0-0.5	.17	.24			
	33-35					2-6								
Hazleton	0-4			7-18	1.20-1.40	2-6	0.10-0.16	0.0-2.9	2.0-4.0	.15	.17	3		
	4-31			7-18	1.20-1.40	2-20	0.08-0.12	0.0-2.9	0.0-0.5	.15	.20			
	31-51			5-15	1.20-1.40	2-20	0.06-0.12	0.0-2.9	0.0-0.5	.15	.20			
	51-52					2-6								
Other Soils														
DhE:														
Dekalb	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-5.0	.17	.24	2		
	4-23			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	0.0-0.5	.17	.24			
	23-33			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	0.0-0.5	.17	.24			
	33-35					2-6								
Hazleton	0-4			7-18	1.20-1.40	2-6	0.10-0.16	0.0-2.9	2.0-4.0	.15	.17	3		
	4-31			7-18	1.20-1.40	2-20	0.08-0.12	0.0-2.9	0.0-0.5	.15	.20			
	31-51			5-15	1.20-1.40	2-20	0.06-0.12	0.0-2.9	0.0-0.5	.15	.20			
	51-52					2-6								
Other Soils														
DhF:														
Dekalb	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-5.0	.17	.24	2		
	4-23			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9	0.0-0.5	.17	.24			
	23-33			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9	0.0-0.5	.17	.24			
	33-35					2-6								

Greenbrier County, West Virginia

Map Symbol and Soil Name	Depth In	Sand Pct	Silt Pct	Clay pct	Moist Bulk Density g/cc	Permeability (Ksat) In/Hr	Available Water Capacity In/In	Linear Extensibility Pct	Organic Matter Pct		Frosion Factors Kf		Wind Erodibility Group	Wind Erodibility Index
DhF:														
Hazleton	0-4 4-31 31-51 51-52	 	 	7-18 7-18 5-15 	1.20-1.40 1.20-1.40 1.20-1.40 	2-6 2-20 2-20 2-6	0.10-0.16 0.08-0.12 0.06-0.12	0.0-2.9 0.0-2.9 0.0-2.9 	2.0-4.0 0.0-0.5 0.0-0.5	.15 .15 .15	.17 .20 .20	3		
Other Soils														
DkF:														
Dekalb	0-4 4-23 23-33 33-35		 	10-20 7-18 5-15 	1.20-1.50 1.20-1.50 1.20-1.50 	6-20 6-20 6-20 0.2-0.6	0.08-0.12 0.06-0.12 0.05-0.10	0.0-2.9 0.0-2.9 0.0-2.9 	2.0-4.0	.17 .17 .17 	.24 .24 .24	2		
Rock Outcrop						0.2-0.6								0
Other Soils														
Du: Dunning	0-20			12-27	1.20-1.40	0.6-2	0.19-0.23	0.0-2.9	2.0-10	.37	.37	5		56
_ 	20-64			35-60	1.40-1.65	0.06-0.2	0.14-0.18	3.0-5.9		.28	.28			
Other Soils														
EIF: Elliber	0-7 7-64			10-20 12-30	1.20-1.40 1.40-1.60	0.6-6 0.6-6	0.08-0.14 0.08-0.12	0.0-2.9 0.0-2.9	1.0-3.0 0.0-0.5	.24 .17	.32 .32	3		48
Other Soils														

ErB:

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
ErB:														
Ernest	0-8			15-20	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	2.0-4.0	.43	.43	3		
	8-28			20-35	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9		.32	.32			
	28-43			18-30	1.40-1.70	0.06-0.6	0.08-0.12	0.0-2.9		.32	.37			
	43-64			20-35	1.30-1.60	0.06-0.6	0.08-0.12	3.0-5.9		.32	.37			
Other Soils														
EsC:														
Ernest	0-4			15-20	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9		.28		3		
	4-28			20-35	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9		.28				
	28-43			18-30	1.40-1.70	0.06-0.2	0.08-0.12	0.0-2.9		.28				
	43-64			20-35	1.30-1.60	0.06-0.2	0.08-0.12	3.0-5.9		.28				
Other Soils														
FaE:														
Faywood	8-0			15-27	1.30-1.40	0.6-2	0.18-0.22	0.0-2.9	1.0-4.0	.37	.37	3		56
•	8-28			35-60	1.35-1.45	0.06-0.6	0.12-0.17	3.0-5.9		.28	.28			
	28-29					0.0000								
Other Soils														
FaF:														
Faywood	0-8			15-27	1.30-1.40	0.6-2	0.18-0.22	0.0-2.9	1.0-4.0	.37	.37	3		56
-,	8-28			35-60	1.35-1.45	0.06-0.6	0.12-0.17	3.0-5.9		.28	.28	-		
	28-29					0.0000								
Other Soils														

FkB:

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
Frankstown	0-4			18-27	1.20-1.40	0.6-2	0.18-0.22	0.0-2.9	1.0-4.0	.37	.37	3		
	4-35			25-35	1.30-1.50	0.6-2	0.14-0.20	3.0-5.9		.28	.28			
	35-44			25-45	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	44-46					0.0000-0.2								
Other Soils														
FkC:														
Frankstown	0-4			18-27	1.20-1.40	0.6-2	0.18-0.22	0.0-2.9	1.0-4.0	.37	.37	3		
	4-35			25-35	1.30-1.50	0.6-2	0.14-0.20	3.0-5.9		.28	.28			
	35-44			25-45	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	44-46					0.0000-0.2								
Other Soils														
FkD:														
Frankstown	0-4			18-27	1.20-1.40	0.6-2	0.18-0.22	0.0-2.9	1.0-4.0	.37	.37	3		
	4-35			25-35	1.30-1.50	0.6-2	0.14-0.20	3.0-5.9		.28	.28			
	35-44			25-45	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	44-46					0.0000-0.2								
Other Soils														
FoC:														
Frankstown	0-4			18-27	1.20-1.40	0.6-2	0.18-0.22	0.0-2.9	1.0-4.0	.37	.37	3		
	4-35			25-35	1.30-1.50	0.6-2	0.14-0.20	3.0-5.9		.28	.28			
	35-44			25-45	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	44-46					0.0000-0.2								
Other Soils														

FoE:

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion		Wind	Wind
and Soil Name	In	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
FoE: Frankstown	0-4			18-27	1.20-1.40	0.6-2	0.18-0.22	0.0-2.9	1.0-4.0	.37	.37	3		
FIGURSIOWII	4-35			25-35	1.30-1.50	0.6-2	0.16-0.22	3.0-5.9	1.0-4.0	.28	.28	3		
	35-44			25-45	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	44-46					0.0000-0.2								
Other Soils														
FrB:														
Frederick	0-8 8-29			13-27 40-80	1.25-1.50 1.20-1.50	2-6 0.6-2	0.12-0.20 0.10-0.18	0.0-2.9 6.0-8.9	1.0-2.0	.28 .24	.32 .24	4		56
	29-79			40-80	1.20-1.50	0.6-2	0.10-0.10	6.0-8.9		.24	.24			
Other Soils														
Other Soils														
FrC:														
Frederick	0-8 8-29			13-27 40-80	1.25-1.50 1.20-1.50	2-6 0.6-2	0.12-0.20 0.10-0.18	0.0-2.9 6.0-8.9	1.0-2.0	.28 .24	.32 .24	4		56
	29-79			40-70	1.20-1.50	0.6-2	0.09-0.20	6.0-8.9		.24	.24			
Other Soils														
FrD:														
Frederick	0-8			13-27	1.25-1.50	2-6	0.12-0.20	0.0-2.9	1.0-2.0	.28	.32	4		56
	8-29 29-79			40-80 40-70	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.10-0.18 0.09-0.20	6.0-8.9 6.0-8.9		.24 .24	.24 .24			
Other Soils														
FyC:														
Frederick	0-8			13-27	1.25-1.50	2-6	0.12-0.20	0.0-2.9	1.0-2.0	.28	.32	4		56
	8-29 29-79			40-80 40-70	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.10-0.18 0.09-0.20	6.0-8.9 6.0-8.9		.24 .24	.24 .24			

Distribution Generation Date: 5/20/02

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion		Wind	Wind
and Soil Name	În	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
Caneyville	0-3 3-10 10-24 24-25	 	 	27-40 36-60 40-60	1.20-1.40 1.35-1.60 1.35-1.60	0.6-2 0.2-0.6 0.2-0.6 0.06-2	0.17-0.22 0.12-0.18 0.12-0.18	0.0-2.9 3.0-5.9 3.0-5.9	2.0-4.0 0.0-0.2 0.0-0.2	.43 .28 .28	.43 .28 .28	3	7	38
Other Soils														
FyE: Caneyville	0-3 3-10 10-24 24-25	 	 	10-27 36-60 40-60	1.20-1.40 1.35-1.60 1.35-1.60	0.6-2 0.2-0.6 0.2-0.6 0.0000-0.2	0.15-0.22 0.12-0.18 0.12-0.18	0.0-2.9 3.0-5.9 3.0-5.9 	2.0-4.0	.43 .28 .28	 	3		
Frederick	0-8 8-29 29-79	 	 	13-27 40-80 40-70	1.25-1.50 1.20-1.50 1.20-1.50	2-6 0.6-2 0.6-2	0.12-0.20 0.10-0.18 0.09-0.20	0.0-2.9 6.0-8.9 6.0-8.9	1.0-2.0 	.28 .24 .24	.32 .24 .24	4		56
Other Soils														
GaC: Gauley	0-12 12-26 26-37 37-39	 	 	3-15 5-18 5-18 	1.20-1.40 1.20-1.40 1.20-1.40	2-6 2-6 2-6 0.2-0.6	0.10-0.16 0.07-0.12 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0	.17 .17 .17	.17 .24 .24	2		
Other Soils														
GaE: Gauley	0-12 12-26 26-37 37-39	 	 	3-15 5-18 5-18 	1.20-1.40 1.20-1.40 1.20-1.40	2-6 2-6 2-6 0.2-0.6	0.10-0.16 0.07-0.12 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	2.0-4.0	.17 .17 .17	.17 .24 .24	2		

Distribution Generation Date: 5/20/02

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion		Wind	Wind
and Soil Name	In	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
GaE:														
Other Soils														
GnC:				4- 0-								_		
Gilpin	0-3 3-26			15-27 18-35	1.20-1.40 1.20-1.50	0.6-2 0.6-2	0.12-0.18 0.12-0.16	0.0-2.9 0.0-2.9	0.5-4.0	.32 .24	.32 .28	3		
	26-35 35-36			15-35 	1.20-1.50 	0.6-2 0.0000-0.2	0.08-0.12	0.0-2.9		.24	.32			
Other Soils														
GnD:														
Gilpin	0-3			15-27	1.20-1.40	0.6-2	0.12-0.18	0.0-2.9	0.5-4.0	.32	.32	3		
	3-26 26-35			18-35 15-35	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.12-0.16 0.08-0.12	0.0-2.9 0.0-2.9		.24 .24	.28 .32			
	35-36					0.0000-0.2								
Other Soils														
GpC:														
Gilpin	0-3 3-26			15-27 18-35	1.20-1.40 1.20-1.50	0.6-2 0.6-2	0.08-0.14 0.12-0.16	0.0-2.9 0.0-2.9		.24 .24	.32 .28	3		
	26-35			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	35-36					0.0000-0.2								
Other Soils														
GpE:														
Gilpin	0-3 3-26			15-27 18-35	1.20-1.40 1.20-1.50	0.6-2 0.6-2	0.08-0.14 0.12-0.16	0.0-2.9 0.0-2.9		.24 .24	.32 .28	3		
	26-35			15-35	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9		.24	.32			
	35-36					0.0000-0.2								

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion		Wind	Wind
and Soil Name	În	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
Other Soils														
Ho: Holly	0-4 4-41 41-64	 	 	15-27 18-30 10-27	1.20-1.40 1.20-1.50 1.20-1.45	0.6-2 0.2-2 0.6-6	0.20-0.24 0.17-0.21 0.10-0.20	0.0-2.9 0.0-2.9 0.0-2.9	2.0-5.0	.28 .28 .28	.28 .32 .32	5	6	48
Other Soils														
KxF: Kaymine	0-13 13-64			18-27 18-27	1.35-1.65 1.35-1.65	0.6-6 0.6-6	0.07-0.16 0.07-0.16	0.0-2.9 0.0-2.9	0.5	.32 .32	.43 .43	5	8	0
Other Soils														
Rock Outcrop						0.0000-0.2								0
LcC: Leatherbark	0-7 7-37 37-39 39-41	 	 	7-27 18-35 18-35 	1.20-1.50 1.30-1.50 1.30-1.50	 0.0000-0.2	0.10-0.17 0.09-0.17 0.09-0.17	 	2.0-4.0	.20 .28 .28	 	3		
Other Soils														
LgB: Lily	0-8 8-25 25-33 33-34	 	 	7-27 18-35 20-35 	1.20-1.40 1.25-1.35 1.25-1.35	0.6-6 2-6 2-6 0.2-0.6	0.13-0.18 0.12-0.18 0.08-0.17	0.0-2.9 0.0-2.9 0.0-2.9	0.5-4.0 	.28 .28 .17	.37 .28 .24	2		56

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind
and Soil Name	ln	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Erodibility Index
LgB: Other Soils														
LgC:	0.0			7.07	1 00 1 10	0.0.0	0.40.0.40	0.0.0.0	0.5.4.0	20	07	0		FC
Lily	0-8 8-25 25-33	 	 	7-27 18-35 20-35	1.20-1.40 1.25-1.35 1.25-1.35	0.6-6 2-6 2-6	0.13-0.18 0.12-0.18 0.08-0.17	0.0-2.9 0.0-2.9 0.0-2.9	0.5-4.0 	.28 .28 .17	.37 .28 .24	2		56
	33-34					0.2-0.6								
Other Soils														
LhE:														
Lily	0-8 8-25 25-33 33-34	 	 	7-27 18-35 20-35	1.20-1.40 1.25-1.35 1.25-1.35	0.6-6 2-6 2-6 0.2-0.6	0.13-0.18 0.12-0.18 0.08-0.17	0.0-2.9 0.0-2.9 0.0-2.9	0.5-4.0 	.28 .28 .17	.37 .28 .24	2		56
Other Soils						0.2-0.0								
Lo:														
Lobdell	0-10 10-28 28-64	 	 	15-27 18-30 15-30	1.20-1.40 1.25-1.60 1.20-1.60	0.6-2 0.6-2 0.6-6	0.20-0.24 0.17-0.22 0.12-0.18	0.0-2.9 0.0-2.9 0.0-2.9	1.0-3.0 	.37 .37 .37	.37 .43 .43	5	5	56
Other Soils														
MaB:														
Macove	0-8 8-37 37-64	 	 	10-25 10-30 10-30	1.20-1.40 1.20-1.50 1.20-1.50	2-6 2-6 2-6	0.08-0.14 0.08-0.14 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9	0.5-2.0 0.5-1.0 0.0-0.5	.20 .20 .20	.28 .32 .32	5		56
Other Soils														

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Erosion Factors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
MaC:														
Macove	0-8			10-25	1.20-1.40	2-6	0.08-0.14	0.0-2.9	0.5-2.0	.20	.28	5		56
	8-37			10-30	1.20-1.50	2-6	0.08-0.14	0.0-2.9	0.5-1.0	.20	.32			
	37-64			10-30	1.20-1.50	2-6	0.08-0.12	0.0-2.9	0.0-0.5	.20	.32			
Other Soils														
MaD:														
Macove	0-8			10-25	1.20-1.40	2-6	0.08-0.14	0.0-2.9	0.5-2.0	.20	.28	5		56
	8-37			10-30	1.20-1.50	2-6	0.08-0.14	0.0-2.9	0.5-1.0	.20	.32			
	37-64			10-30	1.20-1.50	2-6	0.08-0.12	0.0-2.9	0.0-0.5	.20	.32			
Other Soils														
McC:														
Macove	0-4			10-25	1.20-1.40	2-6	0.08-0.14	0.0-2.9	0.5-2.0	.17	.28	5		
	4-37			10-30	1.20-1.40	2-6	0.08-0.14	0.0-2.9	0.5-1.0	.20	.28			
	37-64			10-30	1.20-1.50	2-6	0.08-0.12	0.0-2.9	0.0-0.5	.20	.32			
Other Soils														
McE:														
Macove	0-4			10-25	1.20-1.40	2-6	0.08-0.14	0.0-2.9	0.5-2.0	.17	.28	5		
	4-37			10-30	1.20-1.40	2-6	0.08-0.14	0.0-2.9	0.5-1.0	.20	.28			
	37-64			10-30	1.20-1.50	2-6	0.08-0.12	0.0-2.9	0.0-0.5	.20	.32			
Other Soils														
MeF:														
Macove	0-8			10-25	1.20-1.40	2-6	0.08-0.14	0.0-2.9	0.5-2.0	.17	.28	4	8	0
	8-37			10-35	1.20-1.40	2-6	0.08-0.14	0.0-2.9	0.5-1.0	.20	.28			
	37-64			10-30	1.20-1.50	2-6	0.08-0.12	0.0-2.9	0.0-0.5	.20	.32			

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
MeF: Gilpin	0-3			15-27	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9		.24	.32	3		
·	3-26			18-35	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.28			
	26-35 35-36			15-35 	1.20-1.50 	0.6-2 0.0000-0.2	0.08-0.12	0.0-2.9 		.24	.32			
Other Soils														
MkC:														
Mandy	0-6			7-25	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	0.5-3.0	.20	.32	3		
	6-29 29-37			10-27 10-27	1.20-1.60 1.20-1.60	0.6-2 0.6-2	0.04-0.10 0.04-0.10	0.0-2.9 0.0-2.9		.17 .17	.24 .24			
	37-38					0.0000-0.2								
Other Soils														
MkE:														
Mandy	0-6			7-25	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	0.5-3.0	.20	.32	3		
	6-29 29-37			10-27 10-27	1.20-1.60 1.20-1.60	0.6-2 0.6-2	0.04-0.10 0.04-0.10	0.0-2.9 0.0-2.9		.17 .17	.24 .24			
	37-38					0.0000-0.2								
Other Soils														
MkF:														
Mandy	0-5			7-25	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	0.5-3.0	.20	.32	3		
	5-29 29-37			10-27 10-27	1.20-1.60 1.20-1.60	0.6-2 0.6-2	0.04-0.10 0.04-0.10	0.0-2.9 0.0-2.9		.17 .17	.24 .24			
	37-38				1.20-1.00	0.0000-0.2					.24			
Other Soils														

MkG:

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	(Ksat) In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
MkG:														
Mandy	0-5			7-25	1.20-1.50	0.6-2	0.08-0.12	0.0-2.9	0.5-3.0	.20	.32	3		
	5-29			10-27	1.20-1.60	0.6-2	0.04-0.10	0.0-2.9		.17	.24			
	29-37			10-27	1.20-1.60	0.6-2	0.04-0.10	0.0-2.9		.17	.24			
	37-38					0.0000-0.2								
Other Soils														
MI:														
Melvin	0-10			12-17	1.20-1.60	0.6-2	0.18-0.23	0.0-2.9	0.5-3.0	.43	.43	5		56
	10-57			12-35	1.30-1.60	0.6-2	0.18-0.23	0.0-2.9		.43	.43			
	57-64			7-35	1.40-1.70	0.6-2	0.16-0.23	0.0-2.9		.43	.43			
Lindside	0-9			15-27	1.20-1.40	0.6-2	0.20-0.26	0.0-2.9	2.0-4.0	.32	.32	5		
	9-59			18-35	1.20-1.40	0.2-2	0.17-0.22	0.0-2.9		.37	.37	•		
	59-64			18-35	1.20-1.40	0.2-6	0.12-0.18	0.0-2.9		.32	.32			
Other Soils														
MzC:														
Mertz	0-5			10-25	1.20-1.40	0.6-2	0.10-0.15	0.0-2.9	2.0-5.0	.28	.32	4		
William	5-55			20-35	1.40-1.60	0.2-0.6	0.07-0.12	0.0-2.9	0.0-0.5	.17	.20	•		
	55-64			20-35	1.40-1.60	0.2-0.6	0.07-0.12	0.0-2.9	0.0-0.5	.17	.24			
Other Soils														
MzE:														
Mertz	0-3			10-25	1.20-1.40	0.6-2	0.10-0.15	0.0-2.9	2.0-5.0	.28	.32	4		
	3-55			20-35	1.40-1.60	0.2-0.6	0.07-0.12	0.0-2.9	0.0-0.5	.17	.20	•		
	55-64			20-35	1.40-1.60	0.2-0.6	0.07-0.12	0.0-2.9	0.0-0.5	.17	.24			
Other Soils														

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Extensibility	Organic Matter		Erosion Factors		Wind Erodibility	
and Soil Name	ln	Pct	Pct	pct	g/cc		Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
No:														
Nolin	0-5			10-25	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	2.0-4.0	.37	.37	5		56
	5-64			18-35	1.25-1.50	0.6-2	0.18-0.23	0.0-2.9	0.3-2.0	.43	.43			
Other Soils														
Ph:														
Philo	0-8			10-18	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	2.0-4.0	.37	.37	5		
	8-37			10-18	1.20-1.40	0.6-2	0.10-0.20	0.0-2.9	0.5-1.0	.32	.32			
	37-64			10-18	1.20-1.40	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.43	.24			
Other Soils														
Po:														
Pope	0-10			5-15	1.20-1.40	2-6	0.10-0.16	0.0-2.9	1.0-4.0	.28	.28	5		86
	10-39			5-18	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28	.28			
	39-64			5-20	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28	.20			
Other Soils														
Pt:														
Potomac	0-6			5-12	1.20-1.40	6-20	0.04-0.08	0.0-2.9	0.0-2.0	.17	.24	3	3	86
	6-59			4-10	1.30-1.60	6-20	0.03-0.06	0.0-2.9	0.5-1.0	.17				
Other Soils														
PuA:														
Purdy	0-8			18-35	1.30-1.50	0.2-0.6	0.18-0.24	3.0-5.9	2.0-4.0	.43	.43	3		
•	8-30			35-50	1.30-1.60	0.06-0.2	0.12-0.18	3.0-5.9		.32	.32			
	30-64			35-50	1.30-1.60	0.06-0.2	0.10-0.16	3.0-5.9		.32	.32			
Other Soils														

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Erosion Factors		Wind Erodibility	Wind Erodibility
and Soil Name	În	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
Qu: Quarry						0.0000-0.2								0
Other Soils														
Se:	0-6			8-25	1.25-1.40	0.6-6	0.12-0.18	0.0-2.9	1.0-3.0	24	.24	5		
Sensabaugh	6-24 24-33 33-64	 	 	18-35 12-35 12-38	1.30-1.50 1.30-1.50 1.25-1.50	0.6-6 0.6-6 0.6-6	0.12-0.16 0.10-0.16 0.10-0.15 0.08-0.14	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	 	.24 .20 .17 .17	.24 .24 .24 .20	5		
Other Soils														
SfB:														
Shouns	0-3 3-8 8-53 53-64	 	 	10-20 10-25 27-35 27-35	1.35-1.50 1.35-1.50 1.40-1.60 1.40-1.60	0.6-2 0.6-2 0.6-2 0.6-2	0.13-0.20 0.12-0.20 0.12-0.18 0.09-0.15	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	1.0-3.0 0.0-0.5 0.0-0.5 0.0-0.5	.32 .28 .28 .28	.32 .28 .28 .28	5		
Other Soils														
SfC:														
Shouns	0-3 3-8 8-53 53-64	 	 	10-20 10-25 27-35 27-35	1.35-1.50 1.35-1.50 1.40-1.60 1.40-1.60	0.6-2 0.6-2 0.6-2 0.6-2	0.13-0.20 0.12-0.20 0.12-0.18 0.09-0.15	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	1.0-3.0 0.0-0.5 0.0-0.5 0.0-0.5	.32 .28 .28 .28	.32 .28 .28 .28	5		
Other Soils														
ShC: Shouns	0-3 3-53 53-64	 	 	15-27 27-35 27-35	1.35-1.50 1.40-1.60 1.40-1.60	0.6-2 0.6-2 0.6-2	0.11-0.18 0.12-0.18 0.09-0.15	0.0-2.9 0.0-2.9 0.0-2.9	0.5-3.0 0.0-0.5 0.0-0.5	.20 .28 .28	.32 .28 .28	5		

Distribution Generation Date: 5/20/02

Map Symbol		Sand	Silt	Clay	Moist Bulk	ty (Koot) Vvater Ev	Linear Extensibility	Organic		Erosion Factors		Wind Erodibility	Wind	
and Soil Name	În	Pct	Pct	pct	Density g/cc	In/Hr	Capacity In/In	Pct	Matter Pct	Kw	Kf	Т	Group	Erodibility Index
ShC:														
Other Soils														
ShE: Shouns	0-3			15-27	1.35-1.50	0.6-2	0.11-0.18	0.0-2.9	0.5-3.0	.20	.32	5		
Silouns	3-53 53-64	 	 	27-35 27-35	1.40-1.60 1.40-1.60	0.6-2 0.6-2 0.6-2	0.11-0.18 0.12-0.18 0.09-0.15	0.0-2.9 0.0-2.9 0.0-2.9	0.0-0.5 0.0-0.5	.28 .28	.32 .28 .28	5		
Other Soils														
ShF:														
Shouns	0-3 3-53			15-27 27-35	1.35-1.50 1.40-1.60	0.6-2 0.6-2	0.11-0.18 0.12-0.18	0.0-2.9 0.0-2.9	0.5-3.0 0.0-0.5	.20 .28	.32 .28	5		
	53-64			27-35	1.40-1.60	0.6-2	0.09-0.15	0.0-2.9	0.0-0.5	.28	.28			
Other Soils														
SmC:	•			40.0-										
Simoda	0-4 4-29			10-27 18-35	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.10-0.14 0.12-0.16	0.0-2.9 0.0-2.9	1.0-4.0 	.17 .24	.32 .28	3		
	29-39 39-47			18-35 18-35	1.40-1.70 1.20-1.50	0.06-0.2 0.0000-0.2	0.08-0.12 0.08-0.12	0.0-2.9		.24 .24	.28 .28			
	47-48				1.20-1.50	0.0000-0.2	0.06-0.12			.24	.20			
Other Soils														
SoC:														
Snowdog	0-4 4-18			7-27 18-35	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.12-0.16 0.12-0.16	0.0-2.9 0.0-2.9	1.0-4.0 0.5-1.0	.20 .24	.28 .28	3		
	18-41 41-66			18-35 7-40	1.40-1.70 1.20-1.50	0.06-0.6 0.6-6	0.08-0.12 0.08-0.12	0.0-2.9 0.0-2.9	0.5-1.0 0.5-1.0	.24 .17	.32			

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic		Erosion Factors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc		Capacity In/In	Pct	Matter Pct	Kw	Kf	Т	Group	Index
SoC: Other Soils														
SoE: Snowdog	0-4 4-18 18-41 41-66	 	 	7-27 18-35 18-35 7-40	1.20-1.50 1.20-1.50 1.40-1.70 1.20-1.50	0.6-2 0.6-2 0.06-0.6 0.6-6	0.12-0.16 0.12-0.16 0.08-0.12 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0 0.5-1.0 0.5-1.0 0.5-1.0	.20 .24 .24 .17	.28 .28 .32 .24	3		
Other Soils														
SoF: Snowdog	0-4 4-18 18-41 41-66	 	 	7-27 18-35 18-35 7-40	1.20-1.50 1.20-1.50 1.40-1.70 1.20-1.50	0.6-2 0.6-2 0.06-0.6 0.6-6	0.12-0.16 0.12-0.16 0.08-0.12 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0 0.5-1.0 0.5-1.0 0.5-1.0	.20 .24 .24 .17	.28 .28 .32 .24	3		
Other Soils														
SvC: Summers	0-13 13-28 28-30 30-31	 	 	10-20 8-18 7-15 	1.20-1.40 1.20-1.50 1.20-1.50	2-20 2-6 2-6 0.2-0.6	0.09-0.14 0.09-0.14 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	3.0-5.0 	.20 .20 .20	.24 .28 .32	3		
Other Soils														
Tp: Tioga	0-8 8-29 29-64	 	 	5-18 5-18 3-15	1.15-1.40 1.15-1.45 1.25-1.55	0.6-6 0.6-6 0.6-20	0.15-0.21 0.07-0.20 0.02-0.20	0.0-2.9 0.0-2.9 0.0-2.9	2.0-6.0 0.0-1.0 0.0-1.0	.37 .28 .28	.37 .32 .32	5		56

Greenbrier County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		Erosion Factors		Wind	Wind
and Soil Name	In	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
Tp: Potomac	0-6 6-59			5-12 4-10	1.20-1.40 1.30-1.60	6-20 6-20	0.04-0.08 0.03-0.06	0.0-2.9 0.0-2.9	0.0-2.0 0.5-1.0	.17 .17	.24	3	3	86
Other Soils														
TrC: Trussel	0-6 6-20 20-37 37-66	 	 	7-25 18-35 18-27 18-27	1.20-1.50 1.30-1.50 1.40-1.70 1.30-1.60	0.6-2 0.6-2 0.06-0.6 0.6-2	0.10-0.17 0.09-0.17 0.09-0.13 0.10-0.14	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0	.20 .28 .24 .24	.24 .28 .28 .28	4		
Other Soils														
Uf: Udlfluvents														
Fluvaquents														
Other Soils														
Ux: Udorthents														
Rock Outcrop						0.2-0.6								0
Other Soils														
W: Water														

W:

Map Symbol and Soil Name	Depth In	Sand Pct	Silt Pct	Clay pct	Moist Bulk Density g/cc	Permeability (Ksat) In/Hr	Available Water Capacity In/In	Linear Extensibility Pct	Organic Matter Pct		rosion actors Kf		Wind Erodibility Group	Wind Erodibility Index
		1		<u> </u>			ı			1		I		
W:														
Water														
WeC:														
Weikert	0-7			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-4.0	.28	.32	2		48
	7-16 16-17			15-27	1.20-1.40	2-6	0.04-0.08	0.0-2.9	0.0-0.5	.28	.37			
	10-17					0.6-20								
Other Soils														
WeD:														
Weikert	0-6			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-4.0	.28	.32	2		48
	6-16			15-27	1.20-1.40	2-6	0.04-0.08	0.0-2.9	0.0-0.5	.28	.37			
	16-17					0.6-20								
Other Soils														
WeF:														
Weikert	0-6			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-4.0	.28	.32	2		48
vvol.com	6-16			15-27	1.20-1.40	2-6	0.04-0.08	0.0-2.9	0.0-0.5	.28	.37	_		.0
	16-17					0.6-20								
Other Soils														
WrG:														
Weikert	0-7			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-3.0	.20	.32	2	8	0
	7-16			15-27	1.20-1.40	2-6	0.04-0.08	0.0-2.9	0.0-0.5	.28	.37	_	· ·	· ·
	16-17					0.6-20								
Berks	0-3			5-23	1.20-1.50	0.6-6	0.08-0.12	0.0-2.9	2.0-4.0	.17	.32	3		
	3-23			5-32	1.20-1.60	0.6-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	23-30			5-20	1.20-1.60	2-6	0.04-0.10	0.0-2.9	0.0-0.5	.17	.24			
	30-31					0.2-20								

Map Symbol and Soil Name	Depth In	Sand Pct	Silt Pct	Clay pct	Moist Bulk Density g/cc	Permeability (Ksat) In/Hr	Available Water Capacity In/In	Linear Extensibility Pct	Organic Matter Pct		rosion actors Kf T	Wind Erodibility Group	Wind Erodibility Index
W.C.													
WrG:													
Rough	0-1 1-4 4-7 7-8	 	 	10-25 10-25 10-25 	1.20-1.40 1.20-1.40 1.20-1.40	2-20 2-20 2-20 0.0000-0.2	0.04-0.10 0.04-0.09 0.02-0.09	0.0-2.9 0.0-2.9 0.0-2.9	0.5-2.0 0.0-1.0 0.0-0.5	.20 .15 .10	.28 .20 	1	
Other Soils													
ZoA: Zoar	0-8 8-43 43-64	 	 	15-30 35-50 35-50	1.20-1.40 1.30-1.60 1.40-1.70	0.6-2 0.06-0.6 0.06-0.2	0.15-0.18 0.12-0.15 0.08-0.12	0.0-2.9 3.0-5.9 3.0-5.9	1.0-4.0	.43 .32 .32		3	
Other Soils													